A photograph of a natural rock arch in a desert landscape. The arch is made of reddish-brown sandstone. Through the arch, a green valley and distant snow-capped mountains are visible under a clear blue sky. The foreground is a sandy, reddish-brown desert floor.

Regional Haze SIP for Visibility Protection in National Parks & Wilderness

Utah Air Quality Board
March 12, 2003

Presented by:
Jan Miller, Visibility Program Coordinator, DAQ

Outline of Presentation

- Regional Haze Background
- Regional Haze Rule Requirements
- Regional Haze SIP Development Plan

Regional Haze Background

1977 Clean Air Act (169A)

- Established Visibility Protection Program
- Set National Goal
 - Clean up the dirty days
 - Keep the clean days clean
 - No deadline to achieve goal
- SIPs must show Reasonable Progress toward the goal.

Bryce Canyon Good/Bad Visibility



March 12, 2002

Grand Canyon Visibility Transport Commission Highlights

- Established in 1991 to study 16 class I areas
- Nine state transport region.
 - States—Gov Leavitt was vice-chair
 - Tribes
 - Federal Agencies
- 200+ participating stakeholders



March 12, 2002

GCVTC

- Technical Committees
 - Inventory and economic projections
 - Modeling through 2040
- Policy Committee—evaluate options
- Public Advisory Committee
 - Study options
 - Consensus choice of recommendations

GCVTC Evaluation Criteria

Visibility Effects in Class I Areas

Economic Effects

Social Effects

Other Environmental Effects

Equity

Administrative Ease and Effectiveness

Grand Canyon Visibility Transport Commission Highlights

- Four-year science/policy analysis process projecting emissions/visibility 1990-2040
- \$6 Million + thousands of in-kind hours
- Identified strategies to address regional haze
- Report submitted to EPA in June 1996

GCVTC Conclusions and Recommendations

- Visibility should improve by 2000.
- Regional cap and backstop market trading program on SO₂ emissions
- Tighter federal standards for vehicles

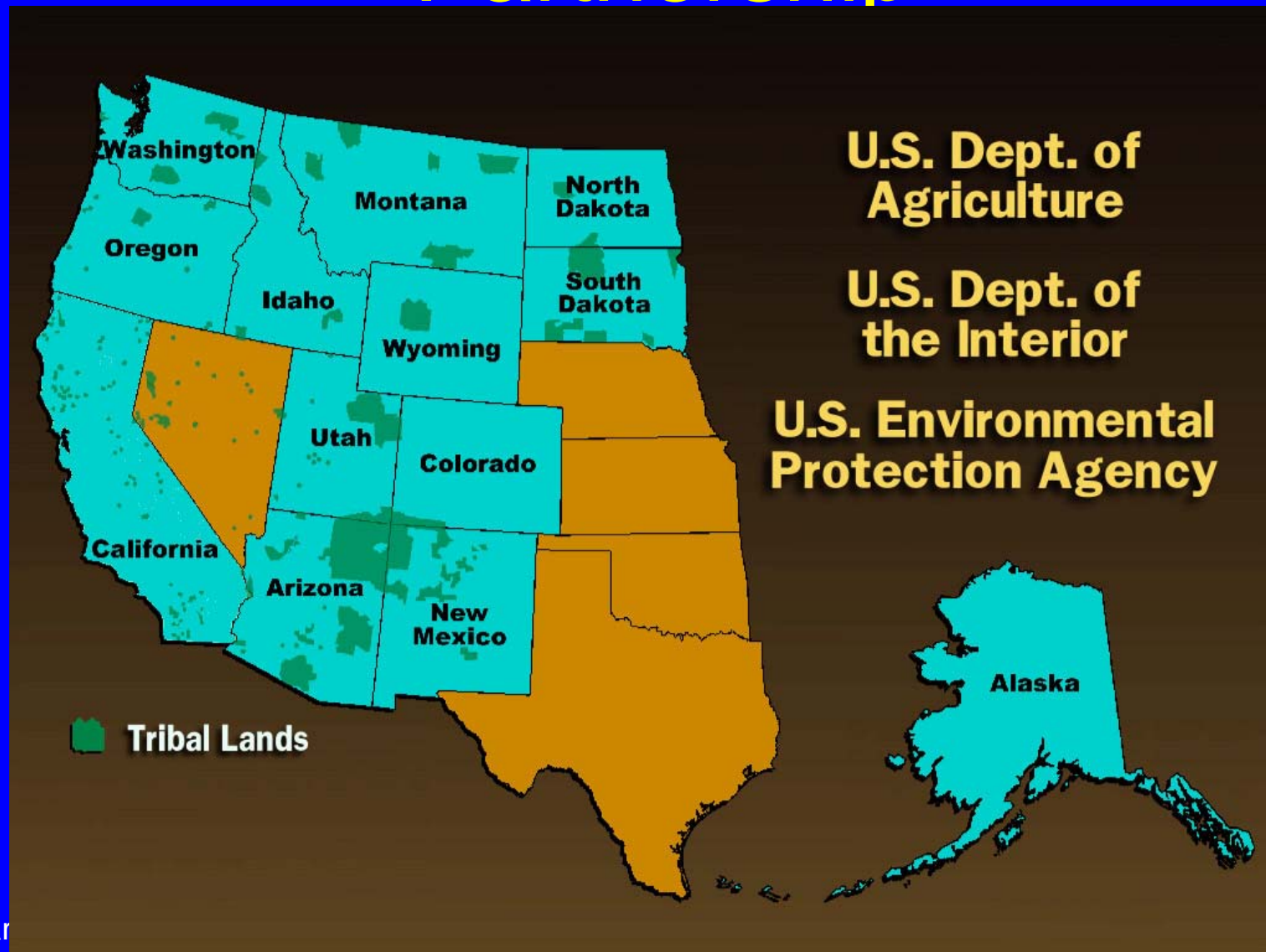
GCVTC Conclusions

- Fire impacts will increase
- Clean Air Corridor
- Renewable energy and conservation
- Emissions within and near Class I areas
- Need new partnership to continue the process

Western Regional Air Partnership

- Formed in 1997 to follow through on GCVTC commitments.
- Consensus based stakeholder committees, forums, and work groups
- Extensive development of policy and science work products to support states and tribes developing SIPs/TIPs

Western Regional Air Partnership



The diagram features a central title 'WRAP Stakeholders' in large, bold, yellow font. Surrounding this title are two concentric rings of stakeholder names. The names are arranged in a circular pattern, with some on the left and some on the right. The background consists of several concentric circles in shades of teal and blue, creating a ripple effect around the central text.

WRAP Stakeholders

Louisiana Pacific
Phelps Dodge Miami
Plum Creek Timber
Air Sciences, Inc.
Wyoming Refining Co.
Pinnacle West Capital Corp.
Chevron Corp.
BP/Amoco
Enron Wind Corp.
Kennecott Energy Co.
Energy Strategies, Inc.
Pacificorp
Viron Energy Service

Sierra Club
Land and Water Campaign
Clean Power Campaign
Renewable Northwest Project
NM Citizens for Clean Air and Water
Natural Resources Defense Council
Wasatch Clean Air Coalition

Madera County Farm Bureau
Oregon Forest Industry Council
Los Alamos National Lab
Atmospheric and Environmental Research, Inc.
Association of International Automobile Manufacturers
Western Highway Institute

Overview of Regional Haze Rule Requirements

Key Differences

308

- Applies to any state
- Reasonable progress goals/demo required
- No specific long-term strategy programs defined in rule
- No credit for reductions 1990-2000
- SIP Due 2005/2007

309

- 9 GCVTC states only
- Reasonable Progress pre-approved by EPA
- Known long-term strategy program components
- Credit for reductions 1990-2000
- SIP Due 12/31/2003

Regional Haze SIP Development Plan

SIP Development Process

- Developing SIP for GCVTC Option
- DAQ Staff/Consultants to develop
- Will use WRAP Work Products
- Stakeholder Advisory Group
- Public Outreach Meetings
- SIP Timetable

WRAP Work Products

- Developed to simplify and support state/tribal development
 - Inventory comparability
 - Modeling
- Template to promote consistency
- 309 Technical Support Document

Stakeholder Advisory Group

- Made up of key stakeholders from throughout Utah
- Used as a sounding board by AQB staff/consultants during development
- Ensure that final SIP product meets Utah's needs
- First meeting April 1, 2003

Public Outreach Meetings

- To gather feedback from broader public before finalizing SIP
- Scheduled for June after draft SIP & rules completed
- Locations:
Salt Lake City, St. George, and Moab

SIP Timetable

- Draft SIP and rules: Mar – June 2003
- Outreach meetings: June 2003
- Propose for comment: Sept 3, 2003
- Public Hearings: Oct 2003
- Final Adoption: December 3, 2003
- Submit to EPA: December 31, 2003

For Additional Information

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